

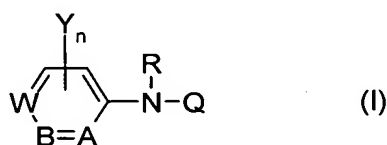
Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

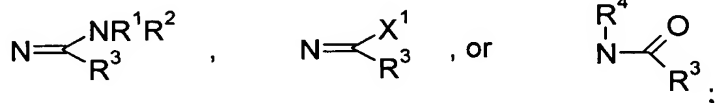
Claims 1-10 (Cancelled).

Claim 11 (New): A method for treating, controlling, preventing or protecting animals against infestation or infection by parasites comprising orally, topically or parenterally administering or applying to the animals a parasitically effective amount of a compound of formula I



wherein

Q is



X¹ is chlorine, bromine, or fluorine;

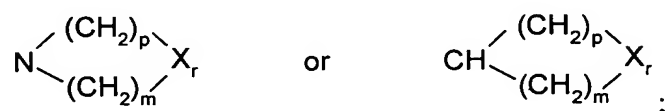
R¹, R² are each independently hydrogen, C₁-C₁₀-alkyl, C₃-C₁₀-alkenyl, C₃-C₁₀-alkynyl, or C₃-C₁₂-cycloalkyl, C₁-C₆-alkylamino, di(C₁-C₆-alkyl)-amino, C₁-C₆-alkylcarbonylamino, C₁-C₆-alkylsulfonyl, or C₁-C₆-alkylsulfinyl, wherein the carbon atoms in these groups may be substituted with 1 to 3 halogen, hydroxy, nitro, cyano, amino, mercapto, C₁-C₆-alkoxy, C₁-C₆-haloalkoxy, C₁-C₆-alkylthio, C₁-C₆-haloalkylthio, C₁-C₆-alkylsulfonyl, C₁-C₆-alkylsulfinyl, C₁-C₆-haloalkylsulfonyl, C₁-C₆-haloalkylsulfinyl, or C₃-C₆-cycloalkyl which may be substituted with 1 to 3 R[#] groups, or

R[#] is halogen, cyano, nitro, hydroxy, mercapto, amino, C₁-C₆-alkoxy, C₂-C₆-alkenyloxy, C₂-C₆-alkynyloxy, C₁-C₆-haloalkoxy, C₁-C₆-alkylthio, or C₁-C₆-haloalkylthio, C₁-C₆-alkylsulfonyl, C₁-C₆-alkylsulfinyl, C₁-C₆-alkylamino, di(C₁-C₆-alkyl)-amino, C₁-C₆-alkylcarbonyl, C₁-C₆-alkoxycarbonyl, or di(C₁-C₆-alkylaminocarbonyl);

formyl, C₁-C₆-alkylcarbonyl, C(=O)NR^aR^b, CO₂R^c, R^d, R^e, phenyl which may be substituted with 1 to 3 R[#] groups, or pyridyl which may be substituted with 1 to 3 R[#] groups,

R^a, R^b, R^c are each independently hydrogen or C₁-C₄-alkyl which may be substituted with 1 to 3 groups R[#];

R^d is NRⁱR^j or



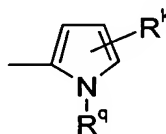
Rⁱ, R^j are each independently hydrogen or C₁-C₄-alkyl which may be substituted with 1 to 3 groups R[#];

p, m are each independently 0, 1, 2, or 3, with the proviso that p and m are not both 0;

X is oxygen, sulfur, amino, C₁-C₄-alkylamino, or phenylamino, or, if p is 0 then X can also be phenoxy or C₁-C₆-alkoxy;

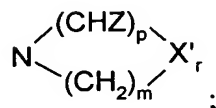
r is 0 or 1;

R^e is



R^k, R^q are each independently hydrogen or C₁-C₄-alkyl which may be substituted with 1 to 3 groups R[#]; or

R¹ and R² may be taken together to form a ring represented by the structure



p, m are 1, 2 or 3;

X' is oxygen, sulfur, amino, C₁-C₄-alkylamino, phenylamino, or methylene;

Z is C₁-C₄-alkyl or phenyl;

- R³ is hydrogen, C₁-C₁₀-alkyl, C₂-C₁₀-alkenyl, C₂-C₁₀-alkynyl, C₃-C₁₂-cycloalkyl, wherein the carbon atoms in these groups may be partially or fully halogenated or substituted with
- 1 to 3 cyano, nitro, hydroxy, mercapto, amino, C₁-C₆-alkyl, C₃-C₆-cycloalkyl, C₁-C₆-alkoxy, C₁-C₆-alkylamino, di(C₁-C₆-alkyl)-amino, C₁-C₆-alkylthio, C₁-C₆-alkylsulfonyl, or C₁-C₆-alkylsulfinyl groups, wherein the carbon atoms in these groups may be substituted by
 - 1 to 3 halogen atoms, a 5- to 6-membered aromatic ring system which may contain 1 to 4 heteroatoms selected from oxygen, sulfur and nitrogen and which may be substituted with any combination of 1 to 5 halogen atoms, 1 to 3 C₁-C₆-alkyl, C₁-C₆-alkylthio, C₁-C₆-alkylsulfonyl, C₁-C₆-alkylsulfinyl, C₁-C₆-alkoxy, nitro, or cyano groups, wherein the carbon atoms in these groups may be substituted by 1 to 3 halogen atoms, or
 - phenoxy, which may be substituted with any combination of 1 to 5 halogen atoms, 1 to 3 C₁-C₆-alkyl, C₁-C₆-alkylthio, C₁-C₆-alkylsulfonyl, C₁-C₆-alkylsulfinyl, C₁-C₆-alkoxy, nitro, or cyano groups, wherein the carbon atoms in these groups may be substituted by 1 to 3 halogen atoms, or
 - a 3- to 6-membered saturated or partially unsaturated ring system which contains 1 to 3 heteroatoms selected from oxygen, sulfur and nitrogen and which may be substituted with any combination of 1 to 5 halogen atoms, 1 to 3 C₁-C₆-alkyl, C₁-C₆-alkylthio, C₁-C₆-alkylsulfonyl, C₁-C₆-alkylsulfinyl, C₁-C₆-alkoxy, nitro, or cyano groups, wherein the carbon atoms in these groups may be substituted by 1 to 3 halogen atoms,
 - a 3- to 6-membered saturated or partially unsaturated ring system which contains 1 to 3 heteroatoms selected from oxygen, sulfur and nitrogen and which is unsubstituted or substituted with any combination of 1 to 5 halogen atoms, 1 to 3 C₁-C₆-alkyl, C₁-C₆-alkylthio, C₁-C₆-alkylsulfonyl, C₁-C₆-alkylsulfinyl, C₁-C₆-alkoxy, C₁-C₆-haloalkoxy, nitro, or cyano groups, wherein the carbon atoms in these groups may be substituted by 1 to 3 halogen atoms;

R, R⁴ are each independently hydrogen or C₁-C₆-alkyl, C₁-C₆-alkoxycarbonyl, C₁-C₆-alkylaminocarbonyl, or di(C₁-C₆-alkyl)-aminocarbonyl, wherein the carbon atoms in these groups may be substituted with 1 to 3 groups R[#];

A is C-R⁵ or N;

B is C-R⁶ or N;

W is C-R⁷ or N;

with the proviso that one of A, B and W is other than N;

R⁵, R⁶, R⁷ are each independently hydrogen, halogen, nitro, cyano, amino, mercapto, hydroxy, C₁-C₁₀-alkyl, C₂-C₁₀-alkenyl, C₂-C₁₀-alkynyl, C₃-C₆-cycloalkyl, C₁-C₆-alkoxy, C₁-C₆-alkylamino, di(C₁-C₆-alkyl)-amino, C₁-C₆-alkylthio, C₁-C₆-alkylsulfonyl, or C₁-C₆-alkylsulfinyl, wherein the carbon atoms in these groups may be substituted with 1 to 3 groups R[#]

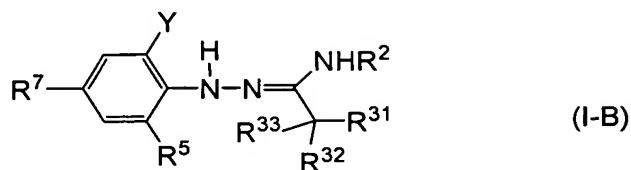
a 5- to 6-membered aromatic ringsystem which may contain 1 to 4 heteroatoms selected from oxygen, sulfur and nitrogen and which may be substituted with any combination of 1 to 5 halogen atoms, 1 to 3 C₁-C₆-alkyl, C₁-C₆-haloalkyl, C₁-C₆-alkylthio, C₁-C₆-haloalkylthio, C₁-C₆-alkylsulfonyl, C₁-C₆-alkylsulfinyl, C₁-C₆-haloalkylsulfonyl, C₁-C₆-haloalkylsulfinyl, C₁-C₆-alkoxy, C₁-C₆-haloalkoxy, mercapto, hydroxy, amino, nitro, or cyano groups, wherein the carbon atoms in these groups may be substituted with 1 to 3 groups R[#] ;

Y is hydrogen, halogen, cyano, nitro, amino, hydroxy, mercapto, C₁-C₆-alkyl, C₂-C₁₀-alkenyl, C₂-C₁₀-alkynyl, C₃-C₆-cycloalkyl, C₁-C₆-alkoxy, C₁-C₆-alkylamino, di(C₁-C₆)-alkylamino, C₁-C₆-alkylthio, C₁-C₆-alkylsulfonyl, or C₁-C₆-alkylsulfinyl, wherein the carbon atoms in these groups may be substituted with 1 to 3 groups R[#];

n is 0, 1, or 2;

or the enantiomers or diastereomers, veterinarily acceptable salts or esters thereof.

Claim 12 (New): The method according to claim 11 wherein the compound of formula I is a compound of formula I-B



wherein

R^7 is chlorine or trifluoromethyl;

R^5 and Y are each independently chlorine or bromine;

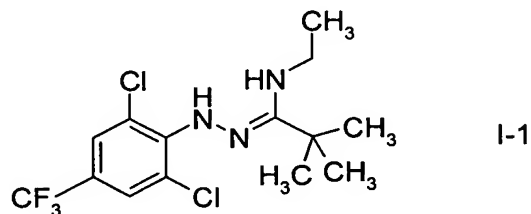
R^2 is C_1 - C_6 -alkyl, C_3 - C_6 -alkenyl, C_3 - C_6 -alkynyl, or C_3 - C_6 -cycloalkyl which may be substituted with 1 to 3 halogen atoms, or C_2 - C_4 -alkyl which is substituted by C_1 - C_4 -alkoxy;

R^{31} and R^{32} are C_1 - C_6 -alkyl or may be taken together to form C_3 - C_6 -cycloalkyl which may be unsubstituted or substituted by 1 to 3 halogen atoms;

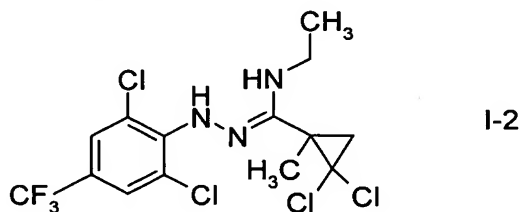
R^{33} is hydrogen or C_1 - C_6 -alkyl,

or the enantiomers or veterinarily acceptable salts thereof.

Claim 13 (New): The method according to claim 11 wherein the compound of formula I is a compound of formula I-1



Claim 14 (New): The method according to claim 11 wherein the compound of formula I is a compound of formula I-2



Claim 15 (New): The method according to claim 11 wherein the parasites are selected from the Diptera, Siphonaptera, and Ixodida orders.

Claim 16 (New): The method according to claim 12 wherein the parasites are selected from the Diptera, Siphonaptera, and Ixodida orders.

Claim 17 (New): The method according to claim 13 wherein the parasites are selected from the Diptera, Siphonaptera, and Ixodida orders.

Claim 18 (New): The method according to claim 14 wherein the parasites are selected from the Diptera, Siphonaptera, and Ixodida orders.

Claim 19 (New): The method according to claim 11 wherein the animals are cats or dogs.

Claim 20 (New): The method according to claim 12 wherein the animals are cats or dogs.

Claim 21 (New): The method according to claim 13 wherein the animals are cats or dogs.

Claim 22 (New): The method according to claim 14 wherein the animals are cats or dogs.

Claim 23 (New): The method according to claim 15 wherein the animals are cats or dogs.